

**COMPLETE SAMPLE DELIVERY GROUP FILE (CSF)
EVIDENCE AUDIT CHECKLIST
U.S. Environmental Protection Agency - Region 8
Environmental Services Division, Multi-Media Branch
Analytical Operations Section**

Audit Number: 08-33-08
Date CSF Received: 12/6/07
Received By: Camp Beaulieu
Date of Audit: 02/25/08
Audited By: Camp Beaulieu
Resubmitted CSF? Yes ☐ No ☐
Lab Name: A-4 Schuette
Lab Location: The Woodlands, TX

Site Name: Richardson Flat Tack
Site Manager: Kathryn Hernandez
RAS Number: 36948
ULSA Number:
SDE Number: MH24M8
Number of Samples: 20/4/5
CLP Lab Code: A-4

AUDIT CHECKLIST

CHAIN OF CUSTODY

- | | | |
|---|---|-----------------------------|
| 1. Custody Seal Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 2. Condition of Seal? Intact <input checked="" type="checkbox"/> Signed <input checked="" type="checkbox"/> Broken <input type="checkbox"/> Unsigned <input type="checkbox"/> | | |
| 3. Chain of Custody Record(s) Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 4. Chain of Custody Record(s) Signed? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 5. Chain of Custody Record(s) Dated? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 6. Traffic Report(s) or Packing List(s) Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 7. Traffic Report(s) or Packing List(s) Signed? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 8. Airbill Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 9. Airbill Number(s): <u>86319857 4806</u> | | |
| 10. Airbill Signed? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 11. Airbill Dated? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 12. Sample Tags Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
| 13. Should Sample Tags be Present? | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |

AUDIT NUMBER: 08-33-08

FORM DC-2

14. Form DC-2 Present?
15. Numbering Scheme on Form DC-2 Correct?
16. Enclosed Documents Listed?
17. Listed Documents Enclosed?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

FORM DC-1

18. Form DC-1 Present?
19. Form DC-1 Complete?
20. Form DC-1 Correct?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

DOCUMENT CONTROL

1. Laboratory Documents Complete?
2. Laboratory Documents Legible?
3. Original Documents Included in CSF?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

DATA INSPECTION

1. Form I's present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?
2. Forms 2 through 8 (VOC & SVOC), Forms 2 through 10 (Pesticides), Forms 2 through 14 (Metals & Cyanide) present?
3. Raw data present (for each analytical fraction as defined by the Traffic Report/Chain of Custody Record)?
4. Percent Solids Form present for soil samples?

Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐
Yes ☒ No ☐

E: If items 1, 3, 4, 6, 7, 8, 12, 14, 18, or 22 are missing, corrective action measures must be taken by the CSF auditor and summarized below.

JDIT NUMBER: 08-33-08

COMMENTS AND NOTES:

Carol Blair

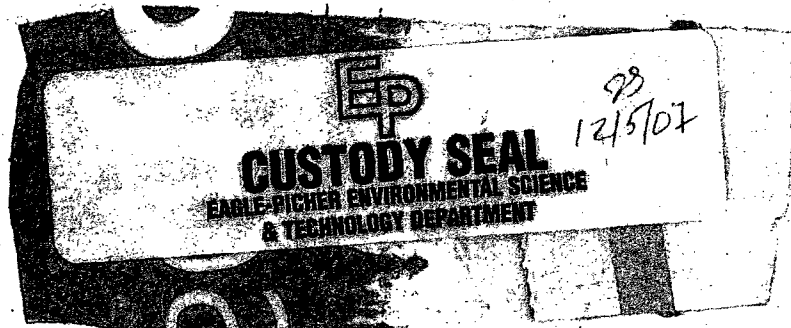
02/25/08

Auditor

Date

EPA OFFICIAL SEALS PAGE

Please attach all custody seals below:



AUDIT NUMBER: 08-33-08

EPA CLP ELECTRONIC DISKETTE(S)

CASE #: 36948 SDG #: MH24 M8

SITE NAME: Richardson Flat Tailings

RPM: Kathryn Hernandez

DATE: 02/26/08

AUDITOR: Carol Beaul

Audit # 08-33-08
RAS # 36948
SDG - MH24 M8
Site - Richardson Flat Tailings
RPM - Kathryn Hernandez
Date - 02/25/08
Lab - A-4

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057
Lab Code: A4 Case No: 36948 NRAS No.: _____ SDG No: MH24M8
SOW No.: ILM05.4

EPA Sample No.

Lab Sample ID

MH24M8	0008725-01
MH24M8D	0008725-01D
MH24M8S	0008725-01S
MH24M9	0008725-02
MH24N0	0008725-03
MH24N1	0008725-04
MH24N2	0008725-05
MH24N3	0008725-06
MH24N4	0008725-07
MH24N5	0008725-08
MH24N6	0008725-09
MH24N7	0008725-10
MH24N8	0008725-11
MH24N9	0008725-12
MH24P0	0008725-13
MH24P1	0008725-14
MH24P2	0008725-15
MH24P3	0008725-16
MH24P4	0008725-17
MH24P5	0008725-18

Were ICP-AES and ICP-MS interelement corrections applied?

(Yes/No)

ICP-AES

ICP-MS

YES

YES

Were ICP-AES and ICP-MS background corrections applied?

(Yes/No)

YES

YES

If yes, were raw data generated before application of background corrections?

(Yes/No)

NO

NO

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature:

Reddy Pakanati

Name:

REDDY PAKANATI

Date:

12/5/07

Title:

LABORATORY MANAGER

0000000001

USEPA-CLP

COVER PAGE

Lab Name: A4 Scientific, Inc. Contract: EPW06057
Lab Code: A4 Case No: 36948 NRAS No.: _____ SDG No: MH24M8
SOW No.: ILM05.4

EPA Sample No.

Lab Sample ID

MH24P60008725-19MH24P70008725-20

		ICP-AES	ICP-MS
Were ICP-AES and ICP-MS interelement corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
Were ICP-AES and ICP-MS background corrections applied?	(Yes/No)	<u>YES</u>	<u>YES</u>
If yes, were raw data generated before application of background corrections?	(Yes/No)	<u>NO</u>	<u>NO</u>

Comments: _____

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette (or via an alternate means of electronic transmission, if approved in advance by USEPA) has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature.

Signature: _____

Reddy Pakanati

Name: _____

REDDY PAKANATI

Date: _____

12/5/07

Title: _____

LABORATORY MANAGER0000000002

A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057**Case #: 36948****SDG #: MH24M8****SDG NARRATIVE****SAMPLE RECIEPT & LOGIN**

The following samples were received on the dates listed against them. The samples were logged in for analysis as listed.

EPA SAMPLE #	LAB SAMPLE #	DATE/TIME RECEIVED	AIRBILL NO.	ANALYSIS	Total # of Containers Received	REMARKS	MATRIX
MH24M8	0008725-01	11/16/07 10:11	863198574806	ICP-AES	1	MS/DUP	SOIL
MH24M9	0008725-02	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N0	0008725-03	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N1	0008725-04	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N2	0008725-05	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N3	0008725-06	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N4	0008725-07	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N5	0008725-08	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N6	0008725-09	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N7	0008725-10	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N8	0008725-11	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24N9	0008725-12	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P0	0008725-13	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P1	0008725-14	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P2	0008725-15	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P3	0008725-16	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P4	0008725-17	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P5	0008725-18	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P6	0008725-19	11/16/07 10:11	863198574806	ICP-AES	1		SOIL
MH24P7	0008725-20	11/16/07 10:11	863198574806	ICP-AES	1		SOIL

ICP-AES

Issue 1: The cooler custody seals were absent for all coolers received on 11/16/07.

Resolution 1: Per Region 8, the laboratory has proceeded with the analysis of the samples.

Issue 2: There was no temperature blank received for the coolers received on 11/16. Cooler temperatures were determined to be 5, 4, 4 and 5. Lab used the following method to check cooler temperature. Removed ice between two sample containers and placed thermometers between them and stabilized for several minutes. The thermometer was not allowed to come in contact with any material except sample containers. The temperature of the shipping container was recorded on the TR/COC and form DC-1.

Resolution 2: Per direction from Region 8 laboratory has proceeded with the analysis of the samples.

Issue 3: The tag numbers on the physical tags do not match up with the tag numbers listed on the TR/COC.

Resolution 3: Per direction from Region 8, the laboratory proceeded with the analysis of the sample using the sample tag number attached to the sample container.

Issue 4: Per scheduling lab QC is required; however there were no samples designated on the TR/COC.

Resolution 4: Per direction from Region 8, the laboratory selected a sample for lab QC that was not a PE, blank, or rinsate sample. The laboratory notified the SMO coordinator of the sample selected for lab QC, and proceed with the analysis of the samples.

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A4 SCIENTIFIC, INC.

1544 Sawdust Road, Suite 505 • The Woodlands, TX 77380 • Phone (281) 292-5277

Contract #: EPW06057

Case #: 36948

SDG #: MH24M8

SDG NARRATIVE

SMO was notified. Directive is enclosed. No other discrepancies of issues were noted during receipt and login.

ICP-AES

Soil Samples were digested by Hot-Block technique (HS2) and analyzed using a Thermo Electron ICAP6500.

MS and DUP were performed on sample "MH24M8". Spike recovery was high on Zinc. Post digestion spike has been performed.

Analytes with Serial Dilution percent difference not within the control limits are flagged with "E" on Form1s and Form8.

The following Samples were analyzed at a dilution for some elements to bring the concentration below the LDRs. The dilutions were made as below:

Sample ID	Dilution	Volume of digestate (ul)	Volume of 2% HNO3 (ul)	Final Volume (ul)
MH24M9	1.3	7,692	2,308	10,000
MH24N1	1.9	5,263	4,737	10,000
MH24N1	3.5	2,857	7,143	10,000
MH24N3	1.9	5,263	4,737	10,000
MH24N4	1.3	7,692	2,308	10,000
MH24P0	1.8	5,556	4,444	10,000
MH24P0	3.3	3,030	6,970	10,000

The following equations are used for calculation of sample results from raw instrument output data:

ICP-AES

SOIL Samples:

$$\text{Concentration (dry Wt.) (mg/kg)} = \frac{C * V}{W * S} * DF$$

Where,

C = Concentration (mg/L)

V = Final sample volume in Liters (L) (0.1L)

W = Wet sample weight (kg) (0.001kg)

S = % solids/100

DF = Dilution Factor

0000000001

SAMPLE LOG-IN SHEET

Lab Name A4 SCIENTIFIC, INC.					Page <u>1</u> of <u>1</u>
Received By (Print Name) <u>Larry Goodsen</u>					Log-in Date <u>11/16/07</u>
Received By (Signature) <u>Larry Goodsen</u>					
Case Number <u>36948</u>		Sample Delivery Group No. <u>MH24MB</u>		NRAS Number <u> </u>	
Remarks:		EPA Sample #	Aqueous Sample pH	Corresponding	
				Sample Tag #	Assigned Lab #
1. Custody Seal(s)	Present/Absent* <u>Present</u> Intact/Broken <u>Intact</u>	<u>MH24MB</u>		<u>8250359</u>	<u>0003125-01</u>
2. Custody Seal Nos.	<u>N/A</u>	<u>ma</u>		<u>8250374</u>	<u>-02</u>
3. Traffic Reports/Chain of Custody Records or Packing Lists	Present/Absent* <u>Present</u>	<u>MH24NO</u>		<u>8250356</u>	<u>-03</u>
4. Airbill	Airbill/Sticker Present/Absent* <u>Present</u>	<u>N0</u>		<u>8241652</u>	<u>-04</u>
5. Airbill No.	<u>86319851480</u>	<u>N2</u>		<u>8240537</u>	<u>-05</u>
6. Sample Tags	Present/Absent* <u>Present</u>	<u>N3</u>		<u>8241651</u>	<u>-06</u>
Sample Tag Numbers	<u>11/16/07</u>	<u>N4</u>		<u>8241676</u>	<u>-07</u>
	<u>11/16/07</u>	<u>N5</u>		<u>8250358</u>	<u>-08</u>
7. Sample Condition	Intact/Broken*/Leaking <u>Intact</u>	<u>N6</u>		<u>8250377</u>	<u>-09</u>
8. Cooler Temperature Indicator Bottle	Present/Absent* <u>Present</u>	<u>N7</u>		<u>8241656</u>	<u>-10</u>
		<u>N8</u>		<u>8308641</u>	<u>-11</u>
9. Cooler Temperature	<u>5°C</u>	<u>PN9</u>		<u>8241655</u>	<u>-12</u>
10. Does information on Traffic Reports/Chain of Custody Records and sample tags agree?	Yes/No* <u>Yes</u>	<u>MH24PO</u>		<u>8241654</u>	<u>-13</u>
		<u>P1</u>		<u>8308648</u>	<u>-14</u>
11. Date Received at Lab	<u>11/16/07</u>	<u>P2</u>		<u>8241657</u>	<u>-15</u>
12. Time Received	<u>10:11</u>	<u>P3</u>		<u>8250360</u>	<u>-16</u>
Sample Transfer		<u>P4</u>		<u>8308646</u>	<u>-17</u>
Fraction Mats	Fraction	<u>P5</u>		<u>8250361</u>	<u>-18</u>
Area # <u>Cooler A</u>	Area # <u>Z</u>	<u>P6</u>		<u>8308645</u>	<u>-19</u>
By <u>PS</u>	By <u>Z</u>	<u>P7</u>		<u>8250376</u>	<u>-20</u>
On <u>11/16/07</u>	On <u> </u>				<u>PS 11/20/07</u>

* Contact SMO and attach record of resolution

Reviewed By <u>PS</u>	Logbook No. <u>NA</u>
Date <u>11/20/07</u>	Logbook Page No. <u>1000000005</u>

FULL INORGANICS COMPLETE SDG FILE (CSF) INVENTORY SHEET

LABORATORY NAME	<u>A4 SCIENTIFIC, INC.</u>
CITY/STATE	<u>THE WOODLANDS, TX</u>
CASE NO.	<u>36948</u> SDG NO. <u>MH24M8</u>
SDG NOS. TO FOLLOW	<u>NA</u>
NRAS NO.	<u>NA</u>
CONTRACT NO.	<u>EPW06057</u>
SOW NO.	<u>ILM05.4</u>

All documents delivered in the Complete SDG File must be original documents where possible. (Reference - Exhibit B Section 2.6)

	PAGE NOS.		LAB	CHECK REGION
	FROM	TO		
1. Cover Page	<u>1</u>	<u>2</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2. SDG Narrative	<u>3</u>	<u>4</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3. Sample Log-In Sheet (DC-1)	<u>5</u>	<u>5</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4. Inventory Sheet (DC-2))	<u>6</u>	<u>7</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5. Traffic Report/Chain of Custody Record(s)	<u>8</u>	<u>10</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Inorganic Analysis				
6. Data Sheet (Form I-IN)	<u>11</u>	<u>30</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7. Initial & Continuing Calibration Verification (Form IIA-IN)	<u>31</u>	<u>38</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8. CRQL Standard (Form IIB-IN)	<u>39</u>	<u>44</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9. Blanks (Form III-IN)	<u>45</u>	<u>49</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10. ICP-AES Interference Check Sample (Form IVA-IN)	<u>50</u>	<u>55</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11. ICP-MS Interference Check Sample (Form IVB-IN)	<u>NA</u>	<u>NA</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
12. Matrix Spike Sample Recovery (Form VA-IN)	<u>56</u>	<u>56</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13. Post-Digestion Spike Sample Recovery (Form VB-IN)	<u>57</u>	<u>57</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14. Duplicates (Form VI-IN)	<u>58</u>	<u>58</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
15. Laboratory Control Sample (Form VII-IN)	<u>59</u>	<u>59</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
16. ICP-AES and ICP-MS Serial Dilutions (Form VIII-IN)	<u>60</u>	<u>60</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
17. Method Detection Limits (Annually) (Form IX-IN)	<u>61</u>	<u>63</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
18. ICP-AES Interelement Correction Factors (Quarterly) (Form XA-IN)	<u>64</u>	<u>64</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
19. ICP-AES Interelement Correction Factors (Quarterly) (Form XB-IN)	<u>65</u>	<u>65</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
20. ICP-AES and ICP-MS Linear Ranges (Quarterly) (Form XI-IN)	<u>66</u>	<u>66</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
21. Preparation Log (Form XII-IN)	<u>67</u>	<u>67</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
22. Analysis Run Log (Form XIII-IN)	<u>68</u>	<u>72</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

XXXXXXXXXX

	PAGE NOS.		CHECK	
	FROM	TO	LAB	REGION
23. ICP-MS Tune (Form XIV-IN)	NA	NA	✓	—
24. ICP-MS Internal Standards Relative Intensity Summary (Form XV-IN)	↓	↓	✓	—
25. ICP-AES Raw Data	73	564	✓	✓
26. GFAA Raw Data (If Applicable)	NA	NA	✓	—
27. ICP-MS Raw Data	↓	↓	✓	—
28. Mercury Raw Data	↓	↓	✓	—
29. Cyanide Raw Data	↓	↓	✓	—
30. Preparation Logs Raw Data	565	604	✓	✓
31. Percent Solids Determination Log	605	606	✓	✓
32. USEPA Shipping/Receiving Documents Airbill (No. of Shipments <u>1</u>)	607	607	✓	✓
Sample Tags	608	614	✓	✓
Sample Log-In Sheet (Lab)	615	616	✓	✓
33. Misc. Shipping/Receiving Records (list all individual records) Telephone Logs	NA	NA	✓	—
<u>NA</u>	↓	↓	✓	—
34. Internal Lab Sample Transfer Records & Tracking Sheets (describe or list)				
⁸⁵ 12/6/07 <u>Custody Logbook</u>	617	617	✓	✓
<u>NA</u>	NA	NA	✓	—
35. Internal Original Sample Prep & Analysis Records (describe or list)				
Prep Records <u>Digestion Log</u>	565	566	✓	✓
Analysis Records <u>Runlog</u>	567	576	✓	✓
Description <u>Standard preplog</u>	577	604	✓	✓
36. Other Records (describe or list)				
Telephone Communications Log	NA	NA	✓	—
<u>Emails</u>	618	620	✓	✓
<u>NA</u>	NA	NA	✓	—
37. Comments:				

Comments: _____

_____ ⁸⁵ 12/5/07

Completed by: Jessica Schulte ^{Sample} Jessica Schulte Custodian 12/5/07

(CLP Lab) (Signature) (Print Name & Title) (Date)

Audited by: Carl Blum Carl Blum 02/25/08

(USEPA) (Signature) (Print Name & Title) (Date)

**SAMPLE DELIVERY GROUP (SDG)
COVER SHEET**

SDG Number: MH24M8

☒ ICP-AES Analysis

☐ ICP-MS Analysis

Laboratory Name: A4 SCIENTIFIC, INC.

Laboratory Code: A4

Contract No.: EPW06057

Case No.: 36948

Analysis Price: _____

SDG Turnaround: 21 days

Modified Analysis (if applicable):

Modification Reference No.: _____

EPA Sample Numbers in SDG (Listed in Numerical Order)

1) MH24M8	7) MH24N4	13) MH24P0	19) MH24P6
2) MH24M9	8) MH24N5	14) MH24P1	20) MH24P7
3) MH24N0	9) MH24N6	15) MH24P2	21)
4) MH24N1	10) MH24N7	16) MH24P3	22)
5) MH24N2	11) MH24N8	17) MH24P4	23)
6) MH24N3	12) MH24N9	18) MH24P5	24)

MH24M8

First Sample in SDG

11/16/2007

First Sample Receipt Date

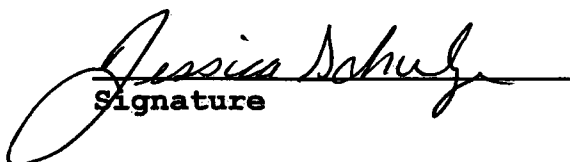
MH24P7

Last Sample in SDG

11/16/2007

Last Sample Receipt Date

Note: There are a maximum of 20 **field** samples [excluding Performance Evaluation (PE) Samples] in an SDG. Attach the TR/COC Records to this form in alphanumeric order (the order listed above on this form).


Signature

11/20/07
Date



Cooler 10

USEPA Contract Laboratory Program Inorganic Traffic Report & Chain of Custody Record

Case No: 36948

DAS No: MH 24M8

SDG No: 8725

L

Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	Chain of Custody Record		Sampler Signature: <i>Chris Hayes</i>	For Lab Use Only	
	Relinquished By	(Date / Time)	Received By	(Date / Time)	Lab Contract No: EPW06057
	1 Chris Hayes	11/12/07 9AM	Janna Simonsen	11/12/07 9AM	Unit Price: 0
	2 Janna Simonsen	11/15/07 12PM			Transfer To: 2
	3				Lab Contract No: 288
	4		J. Schulte 11/16/07 10:11		Unit Price: 11/16/07

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24M8	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG268 (1)	UE06-56A1-0.5	S: 11/10/2007 9:40		
MH24M9	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG269 (1)	UE08-RR-0.5	S: 11/10/2007 9:25		
MH24N0	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG270 (1)	UW01-56-0.5	S: 11/9/2007 10:50		
MH24N1	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG271 (1)	UW01-56A-0.5	S: 11/10/2007 10:45		
MH24N2	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG272 (1)	UW01-56A1-0.5	S: 11/9/2007 12:35		
MH24N3	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG273 (1)	UW01-64A-0.5	S: 11/10/2007 9:05		
MH24N4	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG274 (1)	UW01-65A3-0.5	S: 11/10/2007 8:10		
MH24N5	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG275 (1)	UW02-56-0.5	S: 11/9/2007 11:00		
MH24N6	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG276 (1)	UW02-64A-0.5	S: 11/10/2007 8:50		
MH24N7	Surface Soil (0"-12")/ Chris Hayes	M/G	TM (21)	TAG277 (1)	UW02-65A3-0.5	S: 11/10/2007 9:00		

15⁺ 0008725-01 Intact
30
-02
-03
-04
-05
-06
-07
-08
-09
-10

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): <i>88 11/16/07</i>	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: 11/14/07
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

TIN: CLP TAL Total Metals

TR Number: 8-065602925-111307-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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F2V51.047 Page 1 of 3



USEPA Contract Laboratory Program
Inorganic Traffic Report & Chain of Custody Record

Case No: 36948
DAS No: MH24M8
SDG No: 8725 11/16/07 L

Date Shipped: Carrier Name: FedEx Airbill: Shipped to: A4 Scientific 1544 Sawdust Road Suite 505 The Woodlands TX 77380 (281) 292-5277	Chain of Custody Record		Sampler Signature: <i>Chris Hayes</i>	For Lab Use Only Lab Contract No: EPW06057 Unit Price: 0 Transfer To: Lab Contract No: 2 Unit Price: 11/16/07	
	Relinquished By	(Date / Time)	Received By		(Date / Time)
	1 Chris Hayes	11/12/07 9AM	Janna Simonsen		11/12/07 9AM
	2 Janna Simonsen	11/15/07 12 PM			
	3				
4		J. Schuler	11/16/07 10/11		

INORGANIC SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	ORGANIC SAMPLE No.	FOR LAB USE ONLY Sample Condition On Receipt
MH24N8	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG278 (1)	UW03-56-1.0	S: 11/10/2007 11:25		0008725-11 Intact
MH24N9	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG279 (1)	UW03-64A-0.5	S: 11/10/2007 8:40		-12
MH24P0	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG280 (1)	UW04-56-0.5	S: 11/10/2007 9:45		-13
MH24P1	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG281 (1)	UW04-56A1-0.5	S: 11/9/2007 12:40		-14
MH24P2	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG282 (1)	UW04-56A1-1.0	S: 11/10/2007 11:10		-15
MH24P3	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG283 (1)	UW04-64A-0.5	S: 11/10/2007 8:30		-16
MH24P4	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG284 (1)	UW06-56-0.5	S: 11/9/2007 11:20		-17
MH24P5	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG285 (1)	UW06-56A1-0.5	S: 11/9/2007 13:05		-18
MH24P6	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG286 (1)	UW07-56A1-0.5	S: 11/9/2007 13:50		-19
MH24P7	Surface Soil (0"-12") Chris Hayes	M/G	TM (21)	TAG287 (1)	UW08-56A1-0.5	S: 11/9/2007 13:40		-20

0008725-11 Intact
-12
-13
-14
-15
-16
-17
-18
-19
-20
Final SDG 11/16/07

Shipment for Case Complete? <input checked="" type="checkbox"/>	Sample(s) to be used for laboratory QC: _____	Additional Sampler Signature(s): <i>11/16/07</i>	Cooler Temperature Upon Receipt: 4°C	Chain of Custody Seal Number: <i>11/16/07</i>
Analysis Key: Type: CLP TAL Total Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

TR Number: 8-065602925-111307-0002

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